

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-004048**Date Inspected:** 19-Sep-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1400**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

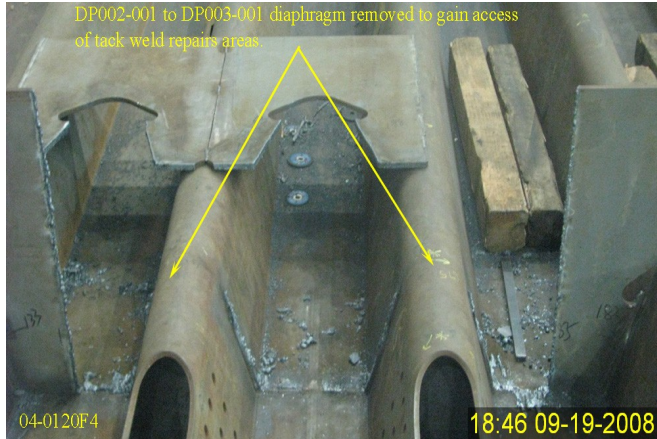
CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG				

Summary of Items Observed:**Deck Panel Verification**

This Quality Assurance (QA) inspector arrived at ZPMC in Shanghai China for random observation of Orthotropic Bridge Girders (OBG) and Self Anchored Suspension (SAS) Bridge. This QA inspector received notification from the day shift task leader that the Ultrasonic Inspection that had been performed for the deck panel tack weld areas needed to be verified. The verification was to perform a check on specific deck panels and verify that the "Y" coordinates documented for the phase array UT was written on the component so ZPMC could perform the repairs at these locations. This QA inspector verified 2 panels for this information. Deck panels verified were; DP038-002 and DP076-001. These panels were marked with the QA triangle and LOC [location] and VERF [verified] for future reference. Deck Panel repairs; ZPMC continues to perform the deck panel repairs for areas that were located with the UTPA with indications that were not in conformance with the contract documents located within the tack weld areas. ZPMC was working on multiple panels' for these repairs as listed; [3AW] DP052-001, DP002-002 and DP004-001, [4BW] DP037-001, DP038-001 and DP039-001, [3BW] DP015-001, DP014-002 and DP013-001. ZPMC also removed 2 diaphragm section to gain access for tack weld repairs which were covered up by the attachments and welding of the diaphragm plates. These areas are, DP002-001-002 to DP003001-009 "Y" locations of 675 mm 2 repair areas DP076-001 to DP038-002-006 "Y" location of 685mm 1 repair. The Caltrans QA Inspector was informed that ZPMC was given a verbal approval to remove the diaphragms for repairs

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Summary of Conversations:

No Conversations noted.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco , 1-381-694-2685, who represents the Office of Structural Materials for your project.

Inspected By:	Riley, Ken	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer
